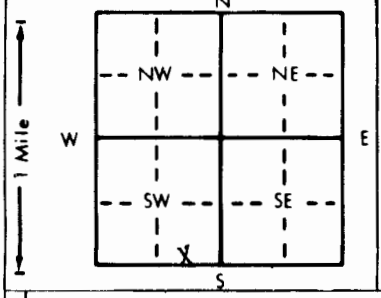
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Grant | Fraction: SW ¼ SE ¼ SW ¼ | Section Number: 8 | Township Number: T 30 S | Range Number: R 38 E/W

Distance and direction from nearest town or city street address of well if located within city?
5 Miles West 9 Miles South 2½ West of Ulysses KS

2 WATER WELL OWNER:
RR#, St. Address, Box # : Carl Johnson
City, State, ZIP Code : 3825 W RD 19 Ulysses, KS 67880
Board of Agriculture, Division of Water Resources Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 370 ft. ELEVATION: SLOPE
Depth(s) Groundwater Encountered 1. 175 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 175 ft. below land surface measured on mo/day/yr 8-21-98
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 75 gpm: Well water was 178 ft. after 3 hours pumping 14 gpm
Bore Hole Diameter 9 7/8 in. to 370 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Monitoring well 11 Injection well 12 Other (Specify below) Stock Well
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 1 Steel (2 PVC) 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued X Clamped Welded Threaded
Blank casing diameter 5 in. to 280 ft., Dia 5 in. to 350 ft., Dia in. to ft.
Casing height above land surface 18 in. in., weight lbs./ft. Wall thickness or gauge No. SDR 21 to 140 SDR 17 140 to 370
TYPE OF SCREEN OR PERFORATION MATERIAL: (7 PVC)
1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot (3 Mill slot) 2 Louvered shutter 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 280 ft. to 300 ft., From ft. to ft.
From 350 ft. to 370 ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 20 ft. to 370 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement (2 Cement grout) 3 Bentonite 4 Other
Grout Intervals: From 0 ft. to 20 ft., From ft. to ft., From ft. to ft.
What is the nearest source of possible contamination:
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) WATER TANKS
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Surface			
2	25	Fine Sand			
25	40	River Sand			
40	65	Gray Clay W/Lime Shells			
65	120	Coarse Sand			
120	180	Sandy Clay W/ Fine Sand			
180	240	Med to Coarse Sand W/Clay B			
240	310	Coarse Sand			
310	355	Sandy Clay			
355	380	Sand Rock 75%			
380	440	Broun Shale & Sand Stone 50%			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) August 21 1998 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 164 This Water Well Record was completed on (mo/day/yr)
under the business name of Houck Bro Drilling by (signature) Gerald Houck

INSTRUCTIONS: Use typewriter or ball point pen. *PLEASE PRESS FIRMLY* and *PRINT* clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼